

PHASE FOUR LANDSCAPE PLAN:

SYM	BASE	B.O.#	COMMON NAME	SCIENTIFIC NAME	SIZE	CONT	COMMENTS
DECIDUOUS TREES							
A	-	-	IVORY SILK LILAC	Syringa reticulata 'Ivory Silk'	3.8 cm CAL. (1.5")	B1B	SINGLE LEADER
B	-	3	LITTLE LEAF LINDEN	Tilia cordata	7.6 cm CAL. (2.5")	B1B	SINGLE LEADER
C	-	-	SPRING SNOW CRABAPPLE	Malus 'Spring Snow'	3.8 cm CAL. (1.5")	B1B	SINGLE LEADER
D	-	-	SPRING SNOW CRABAPPLE	Malus 'Spring Snow'	7.6 cm CAL. (2.5")	B1B	SINGLE LEADER
E	-	-	IMPERIAL HONEYLOCUST	Gleditsia triacanthos 'Imperial'	7.6 cm CAL. (2.5")	B1B	SINGLE LEADER
F	-	-	PINK SPIRES CRABAPPLE	Malus 'Pink Spires'	3.8 cm CAL. (1.5")	B1B	SINGLE LEADER
G	3	-	SHANK WHITE OAK	Quercus bicolor	7.6 cm CAL. (2.5")	B1B	SINGLE LEADER
H	4	-	ALLEGHENY CLUMP	Amelanchier lacyi	152.4 cm HST (50')	B1B	CLUMP FORM
HH	2	-	EMERALD LUSTREE MAPLE	Acer platanoides 'Pond'	7.6 cm CAL. (2.5")	B1B	SINGLE LEADER

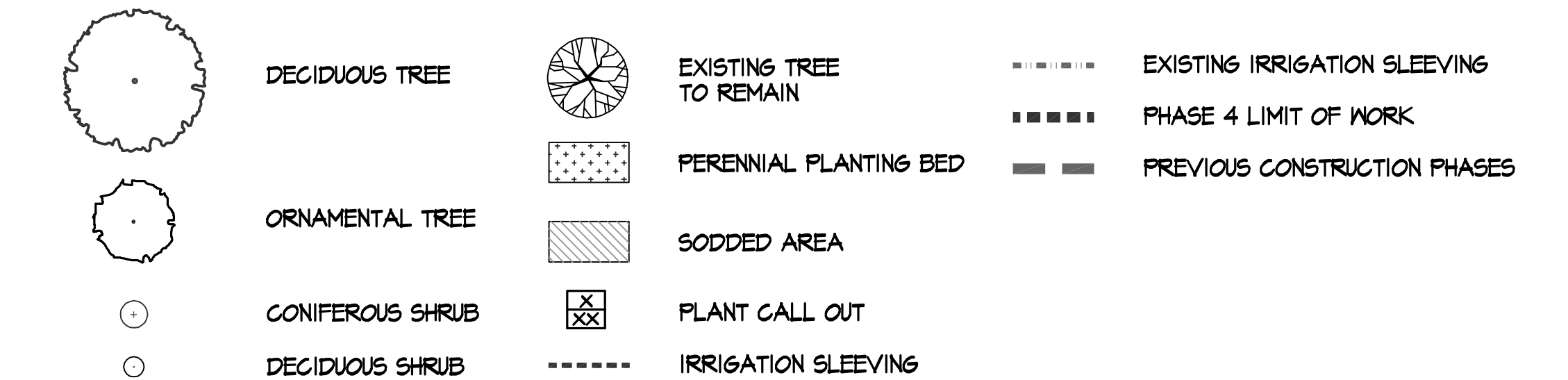
CONIFEROUS TREES							
J	10	4	MEDORA JUNIPER	Juniperus scopulorum 'Medora'	121.9 cm HST. (40')	B1B	FULL FORM

DECIDUOUS SHRUBS							
K	46	-	DWARF KOREAN LILAC	Syringa meyeri 'Palibin'	61 cm HST. (24')	POT	4 m (9') O.C.
L	26	-	ISANTI DOGWOOD	Cornus sericea 'Isanti'	61 cm HST. (24')	POT	122 m (4') O.C.
M	-	-	DART'S RED SPIREA	Spiraea x bumalda 'Dart's Red'	61 cm HST. (24')	POT	122 m (4') O.C.
N	-	-	DWF. EURO. CRANBERRY BUSH	Viburnum opulus 'Nanum'	61 cm HST. (24')	POT	122 m (4') O.C.
P	-	-	COMP. AM. CRANBERRY BUSH	Viburnum trilobum 'Compact'	61 cm HST. (24')	POT	122 m (4') O.C.
Q	13	-	ANTHONY WATERER SPIREA	Spiraea x bumalda 'A. Waterer'	61 cm HST. (24')	POT	122 m (4') O.C.
R	-	-	JAPANESE WHITE SPIREA	Spiraea albaflora	61 cm HST. (24')	POT	4 m (9') O.C.
S	-	34	LITTLE PRINCESS SPIREA	Spiraea japonica 'L. Princess'	61 cm HST. (24')	POT	4 m (9') O.C.
T	-	-	EM. YOUNG HONEYSUCKLE	Lonicera x ligularia 'Em. Young'	61 cm HST. (24')	POT	4 m (9') O.C.
U	34	-	DWARF BURNING BUSH	Euonymus alatus 'Compacta'	61 cm HST. (24')	POT	122 m (4') O.C.
V	-	-	DWARF BUSH HONEYSUCKLE	Periwilla lonicera	61 cm HST. (24')	POT	122 m (4') O.C.
VV	-	26	ANNABELLE HYDRANGEA	Hydrangea arborescens 'Annabelle'	61 cm HST. (24')	POT	122 m (4') O.C.

CONIFEROUS SHRUBS							
W	-	-	SAVIN JUNIPER	Juniperus sabina	46 cm SPRED (18")	POT	122 m (4') O.C.
X	-	-	SEA GREEN JUNIPER	Juniperus chinensis 'Sea Green'	61 cm SPRED (24")	POT	122 m (4') O.C.
Y	-	-	ARCADIA JUNIPER	Juniperus horizontalis 'Arcadia'	46 cm SPRED (18")	POT	122 m (4') O.C.
Z	9	20	TANTON YEW	Taxus media 'Tantonii'	61 cm SPRED (24")	POT	122 m (4') O.C.

PERENNIALS							
AA	31	-	STELLA D'ORO DAYLILY	Hemerocallis x 'Stella d' Oro'	45 L (1 QT)	POT	45 m (18") O.C.
BB	45	-	PURPLE CONIFLOXER	Echinacea purpurea	3.8 L (1 GAL)	POT	45 m (18") O.C.
CC	15	-	PURPLE PALM CORAL BELLS	Heuchera micrantha 'Pal. Purple'	45 L (1 QT)	POT	45 m (18") O.C.
DD	140	-	AUTUMN JOY SEDUM	Sedum 'Autumn Joy'	45 L (1 QT)	POT	45 m (18") O.C.
EE	-	-	SPOTTED DEADNETTLE	Lamium maculatum 'White Nancy'	11.8 cm (2 1/4")	POT	45 m (18") O.C.
FF	-	-	BLACKBERRY SUSAN	Rudbeckia hirta 'Goldsturm'	3.8 L (1 GAL)	POT	45 m (18") O.C.
GG	-	-	HOSTA	Hosta 'Royal Standard'	3.8 L (1 GAL)	POT	45 m (18") O.C.

PHASE FOUR PLANTING SCHEDULE:



PLANTING LEGEND:

PLANT INSTALLATION:

REFER TO SHEET L1.2 FOR PLANTING DETAILS.

LANDSCAPE BID OPTIONS:

BID OPTION #2 - DEMOLITION AND RELATED SITEWORK OF BUILDINGS T11 AND T15

BID OPTION #4 - LANDSCAPING AT NORTHWEST CORNER OF SITE

LANDSCAPE BID OPTIONS NOT SELECTED AS PART OF THE CONSTRUCTION CONTRACT WILL RECEIVE TURF SEED IN LIEU OF LANDSCAPING UNLESS OTHERWISE NOTED AS PART OF LANDSCAPE BASE BID. REFER TO SPEC. BASE BID SIDEWALKS INCLUDE BASE MATERIAL, GRADING AND LAWN REPAIR DUE TO CONSTRUCTION. REFER TO SHEET A1.4, C1.4-2 FOR LANDSCAPE BID OPTION #2 INFORMATION.

TREE PROTECTION:

TREE PROTECTION, IN THE FORM OF 1.067m (42") SNOW FENCING, WILL BE REQUIRED AS NOTED ON PLAN AROUND THE ENTIRE DRIP LINE OF TREES SCHEDULED TO REMAIN. SEE PLAN FOR FENCE LOCATIONS. GROVES OF TREES IN CLOSE PROXIMITY TO EACH OTHER MAY ALLOW FOR A SINGLE FENCE TO ENCIRCLE THE ENTIRE GROVE RATHER THAN USING INDIVIDUAL FENCES AROUND EACH TREE. REMOVE FENCING AT TIME OF OWNER ACCEPTANCE.

IRRIGATION:

IRRIGATION TO BE INCLUDED FOR EACH OPTION AREA SELECTED AS PART OF THE CONSTRUCTION CONTRACT. IRRIGATION SLEEVING TO BE INCLUDED FOR EACH OPTION AREA AS PART OF THE BASE BID. REFER TO PLAN FOR LOCATIONS. IRRIGATION SLEEVING EXISTS FOR PREVIOUS CONSTRUCTION PHASE. REFER TO PLAN FOR LOCATIONS. A 50mm (2") DIA. PVC STUB AND 12 - #12 MULTI-STRAND CONTROL WIRES ARE PROVIDED FOR CONNECTION TO EXISTING PHASE III SYSTEM. REFER TO PLAN FOR APPROXIMATE VALVE BOX LOCATION. EXISTING CONTROLLER IS A 24 STATION CONTROLLER. CONTRACTOR TO PROVIDE IRRIGATION SHOP DRAWINGS FOR EACH OPTION AREA SELECTED. SEE PLANTING NOTES SHEET L1.2. IRRIGATION SYSTEM DESIGN SHOULD ASSUME WATER PRESSURE OF 552 kpa (80 psi) AT THE PHASE III SOURCE.

GENERAL NOTES:

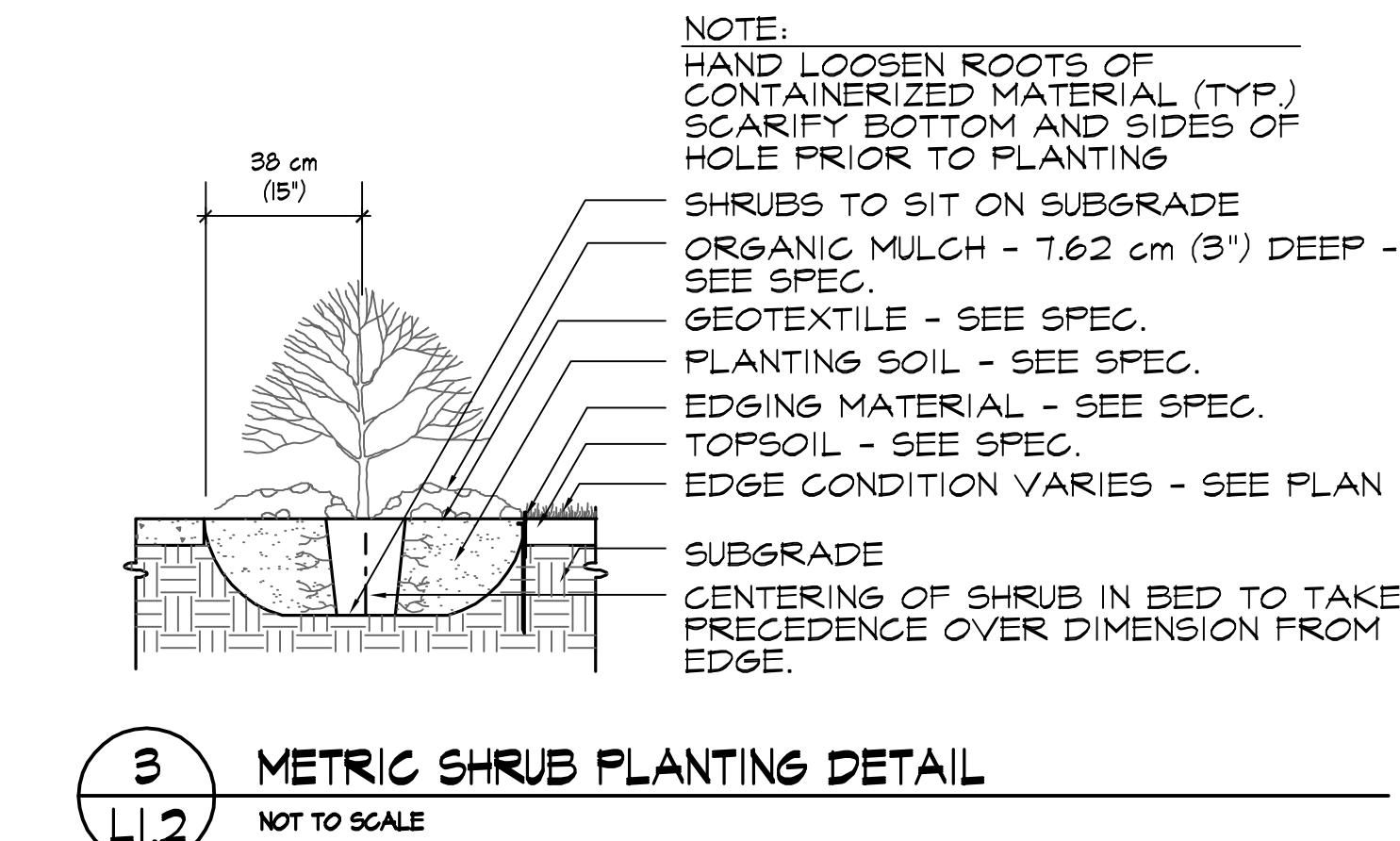
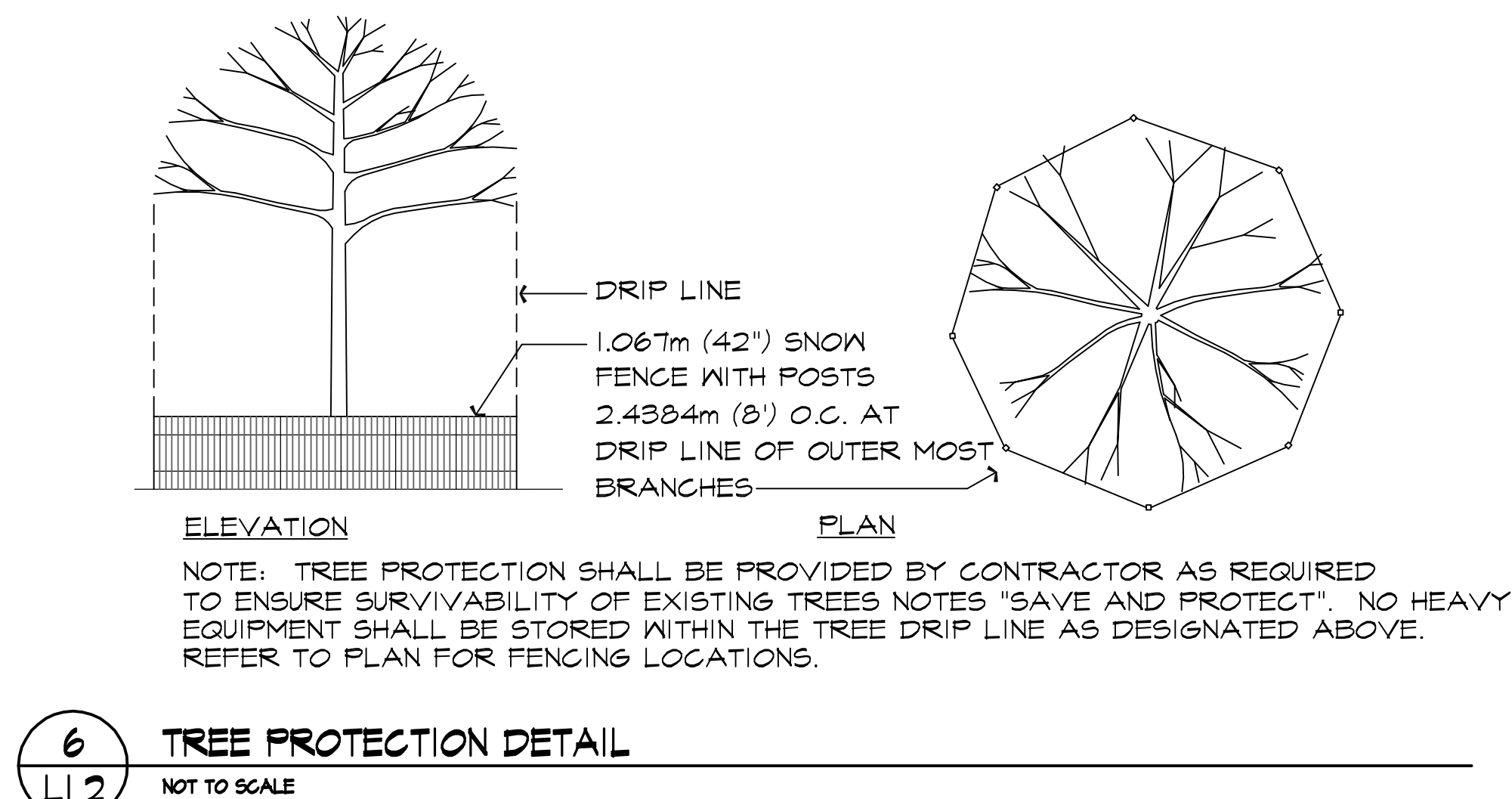
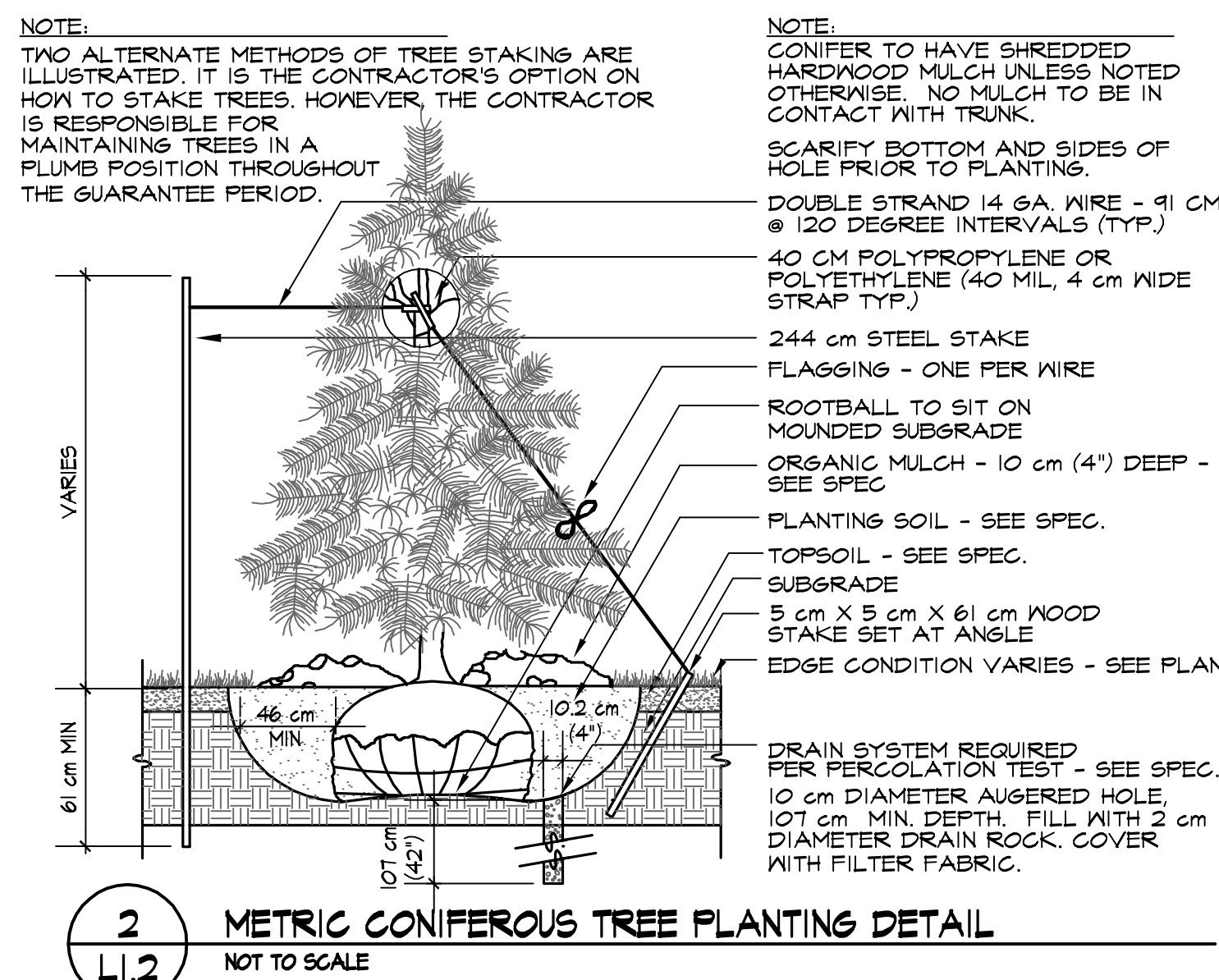
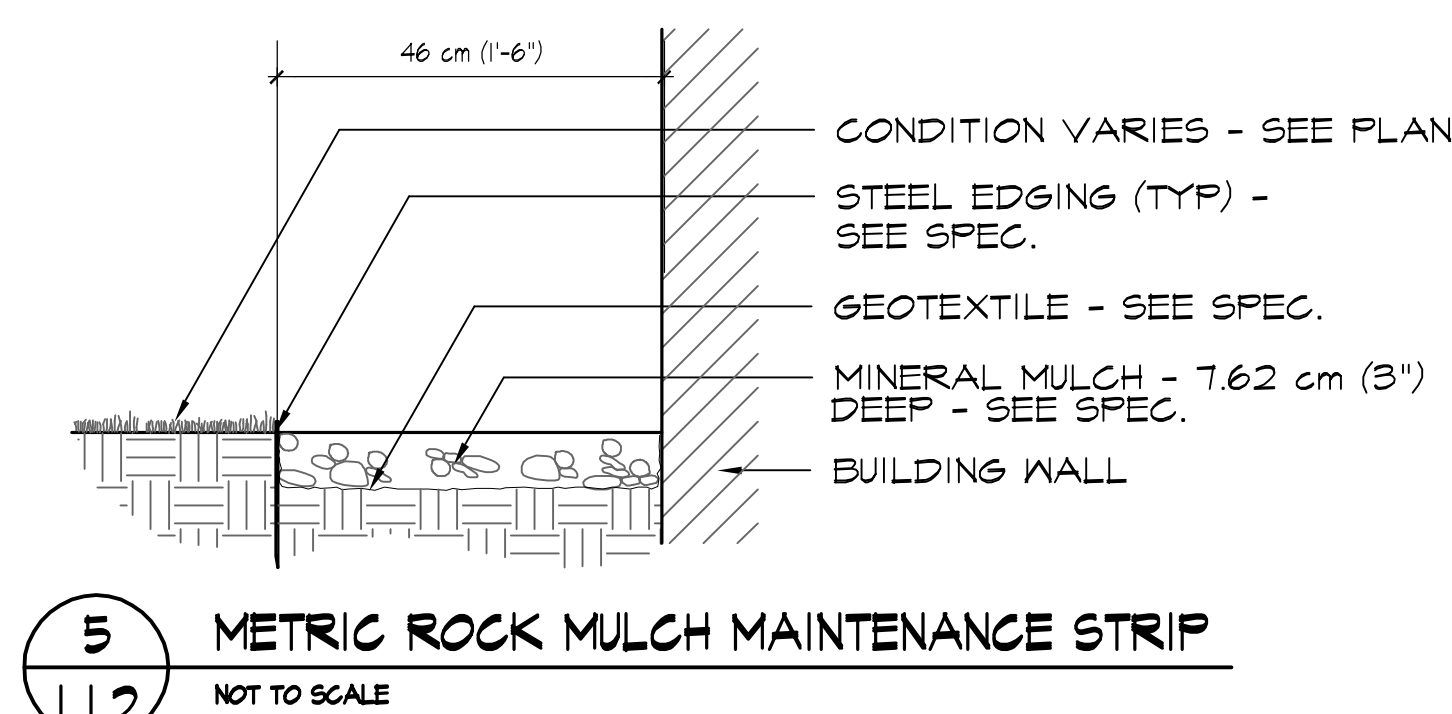
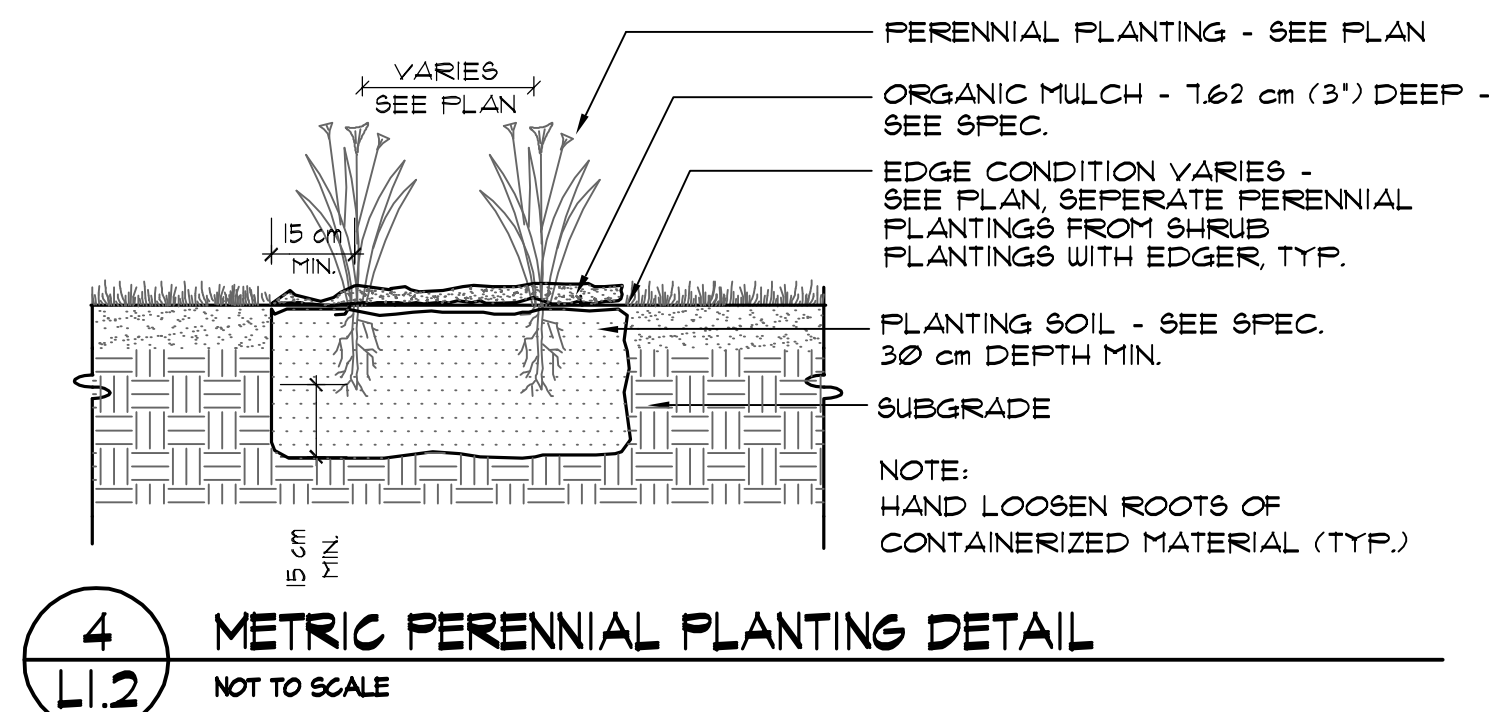
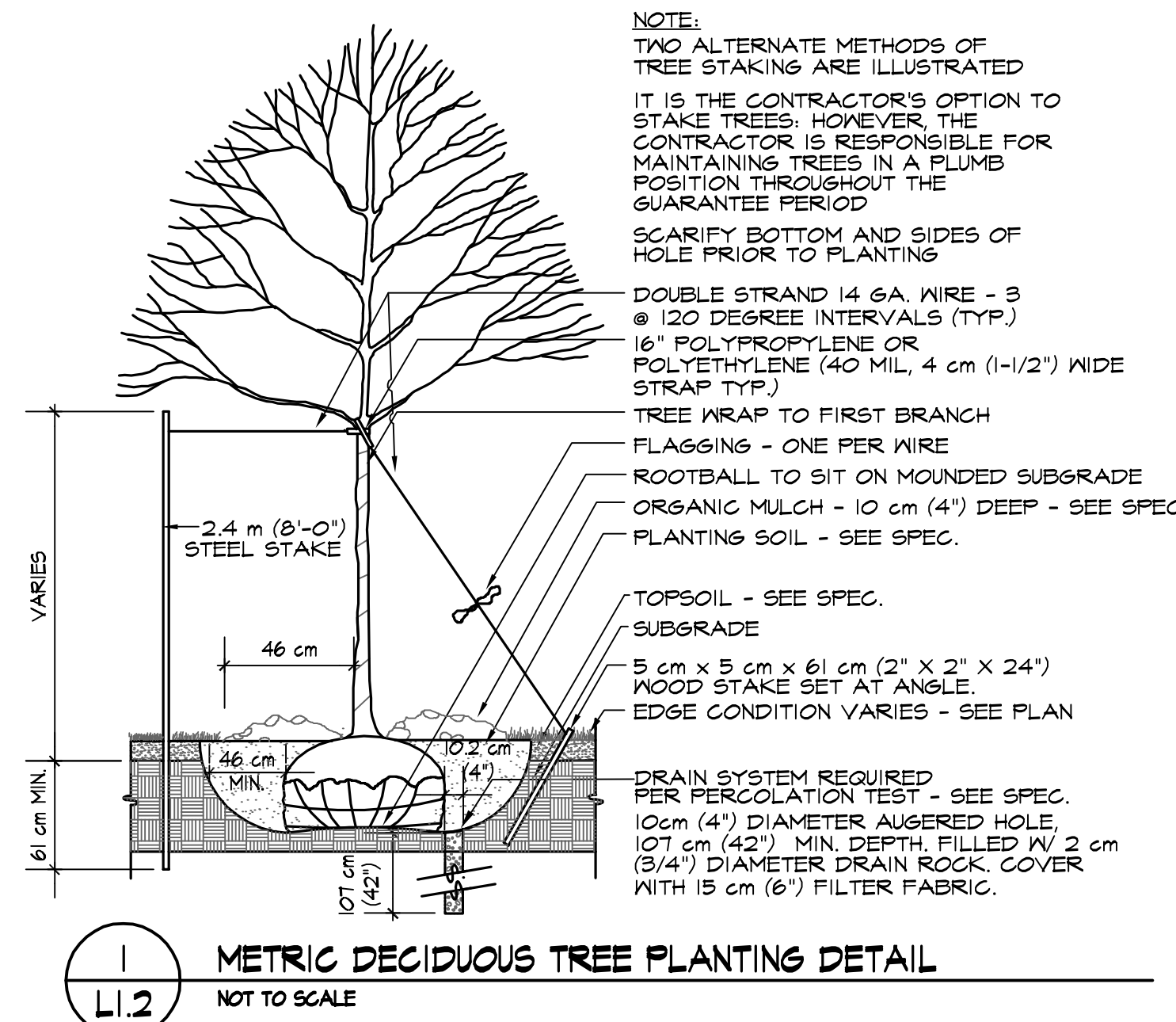
ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SIZE OF 28" X 40" OR METRIC DRAWING SIZE OF 841mm X 594mm. IF ANY OTHER SIZE DRAWINGS ARE FURNISHED OR PLOTTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO ADVISE HIS SUB-CONTRACTORS OF THE ABOVE.

Revisions			
Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by: MJW	MINNEAPOLIS-ST. PAUL AFR	MINNESOTA
Drawn by: MJW	CONSOLIDATED LODGING FACILITY - PHASE FOUR -	
Checked by: DF	LANDSCAPE PLAN	
Reviewed by: DF	Plot Scale Ratio: Design File: 98-179-L1.dwg	Date: DECEMBER 2003
Submitted by: Damon Jambor	Spec. No.: W9128F-04-B-0002	Drawing Code: AF 721-315-04
	Contract No.: W9128F-04-C-XXXX	Sheet reference number: L1.1

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered landscape architect under the laws of the State of Minnesota.

For: Damon Jambor Associates
By: Damon Jambor
Title: Principal
Registration No: 12538



- CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID. CONTRACTOR SHALL INSPECT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF WORK.
- CONTRACTOR SHALL VERIFY LAYOUT AND DIMENSIONS SHOWN AND BRING TO THE ATTENTION OF THE CONTRACTING OFFICER AND LANDSCAPE ARCHITECT DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN AND/OR INTENT OF THE PROJECT'S LAYOUT.
- CONTRACTOR SHALL ASSURE COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK OR MATERIALS SUPPLIED.
- CONTRACTOR SHALL PROTECT EXISTING ROADS, CURBS/GUTTERS, WALKS, TREES, LAWNS AND SITE ELEMENTS DURING PLANTING OPERATIONS. DAMAGE TO THE SAME SHALL BE REPAIRED AT NO COST TO THE OWNER.
- CONTRACTOR SHALL VERIFY ALIGNMENT AND LOCATION OF UNDERGROUND AND ABOVE GRADE UTILITIES AND PROVIDE THE NECESSARY PROTECTION FOR SAME BEFORE CONSTRUCTION / MATERIAL INSTALLATION BEGINS (MINIMUM 3.048m (10' - 0") CLEARANCE).
- UNDERGROUND UTILITIES SHALL BE LAID SO THAT TRENCHES DO NOT CUT THROUGH ROOT SYSTEMS OF ANY EXISTING TREES TO REMAIN.
- EXISTING CONTOURS, WALKS, VEGETATION, CURB/GUTTER AND OTHER EXISTING ELEMENTS SHOWN ARE BASED UPON INFORMATION SUPPLIED TO LANDSCAPE ARCHITECT BY OTHERS. CONTRACTOR SHALL VERIFY DISCREPANCIES PRIOR TO CONSTRUCTION AND NOTIFY THE CONTRACTING OFFICE AND LANDSCAPE ARCHITECT OF SAME.
- NO PLANTING WILL BE INSTALLED UNTIL COMPLETE GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- SEED AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES INCLUDING DISTURBANCE IN BID AREAS WHERE BID OPTION IS NOT SELECTED.
- WHERE SOD/SEED ABUTS PAVED SURFACES, FINISHED GRADE OF SOD/SEED SHALL BE HELD 2.54cm (1") BELOW SURFACE ELEVATION OF WALK, CURB, ETC.
- SOD SHALL BE LAID PARALLEL TO THE CONTOURS AND SHALL HAVE STAGGERED JOINTS. ON SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES, THE SOD SHALL BE STAKED TO THE GROUND.
- PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AMERICAN ASSOCIATION OF NURSERYMEN. UNLESS NOTED OTHERWISE, DECIDUOUS SHRUBS SHALL HAVE AT LEAST 5 CANES AT THE SPECIFIED SHRUB HEIGHT. ORNAMENTAL TREES SHALL HAVE NO 'V' CROTCHES AND SHALL BEGIN BRANCHING NO LOWER THAN .91m (3') ABOVE ROOT BALL. STREET AND BOULEVARD TREES SHALL BEGIN BRANCHING NO LOWER THAN 1.83m (6') ABOVE FINISHED GRADE.
- PLAN TAKES PRECEDENCE OVER PLANT SCHEDULE IF DISCREPANCIES IN QUANTITIES EXIST. SPECIFICATIONS TAKE PRECEDENCE OVER NOTES.
- PROPOSED PLANTS SHALL BE LOCATED AND STAKED AS SHOWN. CONTRACTING OFFICER AND LANDSCAPE ARCHITECT MUST APPROVE STAKING OF PLANT MATERIAL PRIOR TO DIGGING.
- NO PLANT MATERIAL SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL IS REQUESTED OF THE CONTRACTING OFFICER PRIOR TO THE SUBMISSION OF A BID AND/OR QUOTATION.
- ADJUSTMENTS IN LOCATION OF PROPOSED PLANT MATERIALS MAY BE NEEDED IN FIELD. SHOULD AN ADJUSTMENT BE ADVISED, THE CONTRACTING OFFICE AND LANDSCAPE ARCHITECT MUST BE NOTIFIED AND APPROVE IN WRITING.
- PLANT MATERIALS SHALL BE FERTILIZED UPON INSTALLATION WITH DRIED BONE MEAL, OTHER APPROVED FERTILIZER MIXED IN WITH THE PLANTING SOIL PER THE MANUFACTURER'S INSTRUCTIONS OR MAY BE TREATED FOR SUMMER AND FALL INSTALLATION WITH AN APPLICATION OF GRANULAR 0-20-20 OF 54.2ml (12 OZ) PER 6.35cm (2.5") CALIPER PER TREE AND 24.6cm (6 OZ) PER SHRUB WITH AN ADDITIONAL APPLICATION OF 10-10-10 THE FOLLOWING SPRING IN THE TREE SAUCER.
- PLANTING AREAS RECEIVING PERENNIALS, SHRUBS AND TREES, SHALL RECEIVE A MINIMUM DEPTH OF 30cm OF PLANTING SOIL CONSISTING OF AT LEAST 45 PARTS TOPSOIL, 45 PARTS PEAT OR MANURE AND 10 PARTS SAND.

PLANTING NOTES:**PLANTING DETAILS:**

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered landscape architect under the laws of the State of Minnesota.

For: *Damon Fisher Associates*
By: *Damon Fisher*
Title: Principal
Registration No: 12538

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Drawn by:		MINNESOTA	
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Reviewed by:		LANDSCAPE NOTES & DETAILS	
DF		Plot Scale Ratio:	Sheet
DF		Design File: 98-179-L2.dwg	reference
Submitted by:		Drawing Code:	number:
Damon Fisher		AF 721-315-04	L1.2
Contract No.:			
W9128F-04-C-XXXX			